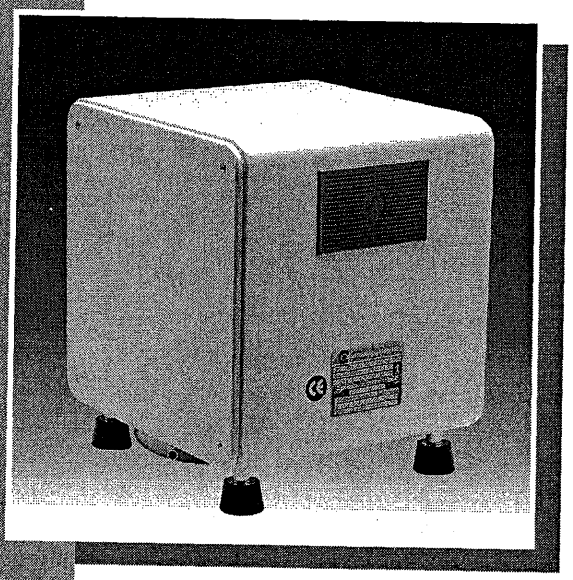
# UNI-JET 75 CARENATO

# UNI-JET 75 WITH BOX
# UNI-JET 75 CAPOTE
# UNI-JET 75 MIT GEHÄUSE
# UNI-JET 75 CARENADO

- MANUALE ISTRUZIONI
- INSTRUCTIONS HANDBOOK
- MANUEL D'INSTRUCTIONS
- GEBRAUCHSANWEISUNG
- MANUAL DE INSTRUCCIONES



CATTANI S.p.A.

## General working data

***Dental aspirator***

***Type: Uni-Jet 75 with box and control panel***
***Rated tension: 220V + 5%***
***Rated frequency: 50 Hz***
***Rated current: 3.1 A***
***Insulation class: I***
***Type of appliance: B***
***Use: continuous service***
***Protection against humidity: common***
***Level of protection against direct or indirect contact type: B***

| | | |
|---|---|---|
| ~ | *Alternating current* | *IEC 417-5032* |
| ⏚ | *Earthing* | *IEC 417-5019* |
| | *Type B appliance* | *IEC 878-02-02* |
| ○ | *OFF (disconnected from feeding line)* | *IEC 417-5008* |
| \| | *ON (connected to feeding line)* | *IEC 417-5007* |
| ϟ | *Dangerous voltage* | *IEC 878-03-01* |

***Uni-Jet 75 with box 220 V~ 50 Hz: authorisation*** CEI 62-5 ***N° J 1431***

***The motor is protected by thermal device***
***Output power: 0.4 kW***
***Maximum flow: 1250 l/min***
***Maximum head for continuous service: 1300 mm $H_2O$***
**** Sound pressure 58 dB(A)***
***Other available voltages:***
***240 V~ 50 Hz 2.95 A***
***220 V~ 60 Hz 3.5 A***
***120 V~ 60 Hz 6.0 A***
***110 V~ 60 Hz 7.0 A***
***100 V~ 60 Hz 7.0 A***
***The appliance cannot work in contact with a flammable anaesthetic mixture with air oxygen or nitrous oxide. A bacteria filter is also available to clean the outflowing air.***

**Sound pressure level tested according to the ISO 3746-1979 (E).*
*Parameters: r=1 - Background noise ≤ 51 dB (A) - Instrument: Brüel & Kjær Type 2232.*

***Manufactured by Cattani S.p.A. - Parma - Italy***



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## *LIST OF COMPONENTS*

| | |
|---|---|
| *1* | *- ON/OFF switch* |
| *2* | *- Silencer for exhausted air* |
| *3B* | *- Pipe conveying aspirated air to motor* |
| *3C* | *- Pipe conveying exhausted air outside* |

## General features

*Uni-Jet 75 with box has been created to be combined with the dental unit. It is small in size, noiseless and designed for continuous service.*

## Installation

*Uni-Jet 75 can be placed near the dental unit on the left end of the chair by the patient's feet (fig. A).* Installation must be carried out in conformity with CEI regulations on electromedical appliances; Uni-Jet 75 aspirators have been designed and manufactured according to CEI 62-5/2a 1991.*
*Prior to plugging in the aspirator, check the ratings and make sure that the mains are suitable for the proper functioning of the appliance and are protected against overcurrent according to CEI 62-8; the appliance must be protected against indirect contacts according to CEI 62-8 and 64-4. Once installation has been completed the unit can be switched on by pressing the main switch to the "ON" position (fig. B).*
*The switch light will come on; in order to start aspiration lift one of the terminals from its seat. With standard assembly, the aspirated air will be exhausted through silencer 2. In order to convey the air outside you must add an extension to pipe 3 C. Bacteria and most of the noise will be carried outside together with air.*

***However, suggested installation is in a storeroom not further than 6-8 metres.**

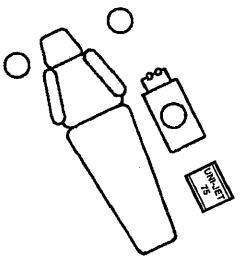


***Figure A***

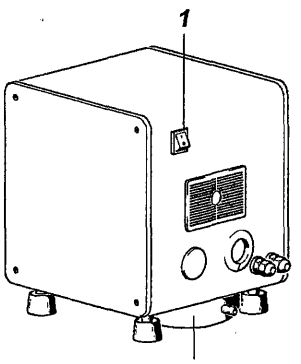


***Figure B***

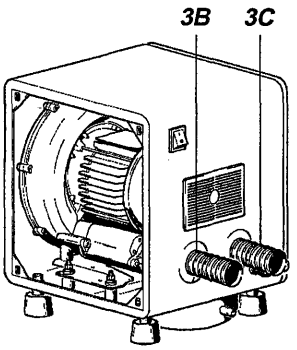


***Figure C***



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LIST

## *Maintenance*

*The manufacturer is willing to supply spare parts, literature, instruction and any other useful information. Distributors, agents, authorised retailers and service engineers are provided with split-up drawings, electrical diagrams, instructions and updating about maintenance and service.*

*The appliance is guaranteed for one year from date of sale, provided that guarantee card addressed to manufacturer is returned to the manufacturer reporting date of sale, retailer stamp and customer's name.*

*Guarantee and manufacturer liability cease in case appliances and/or plants are found tampered by any kind of action performed by unable and thus unauthorised people.*

*For any use not contemplated or specified in this handbook please refer to manufacturer.*

## *Transport and storage*

*Packed equipment can be transported and stored within a temperature range of -10 °C to +60 °C.*

*Packages cannot be exposed to water or splashing and cannot tolerate a humidity level greater than 70%.*

*Packages can only be stored in piles of three each having the same weight.*

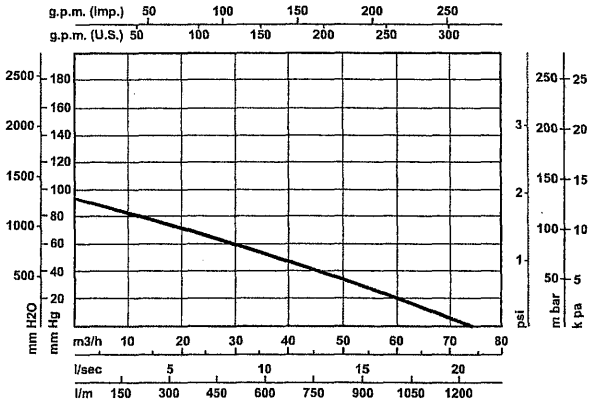
# UNI-JET 75

**ASPIRATORE AD ANELLO D'ARIA**
***AIR-RING ASPIRATOR***

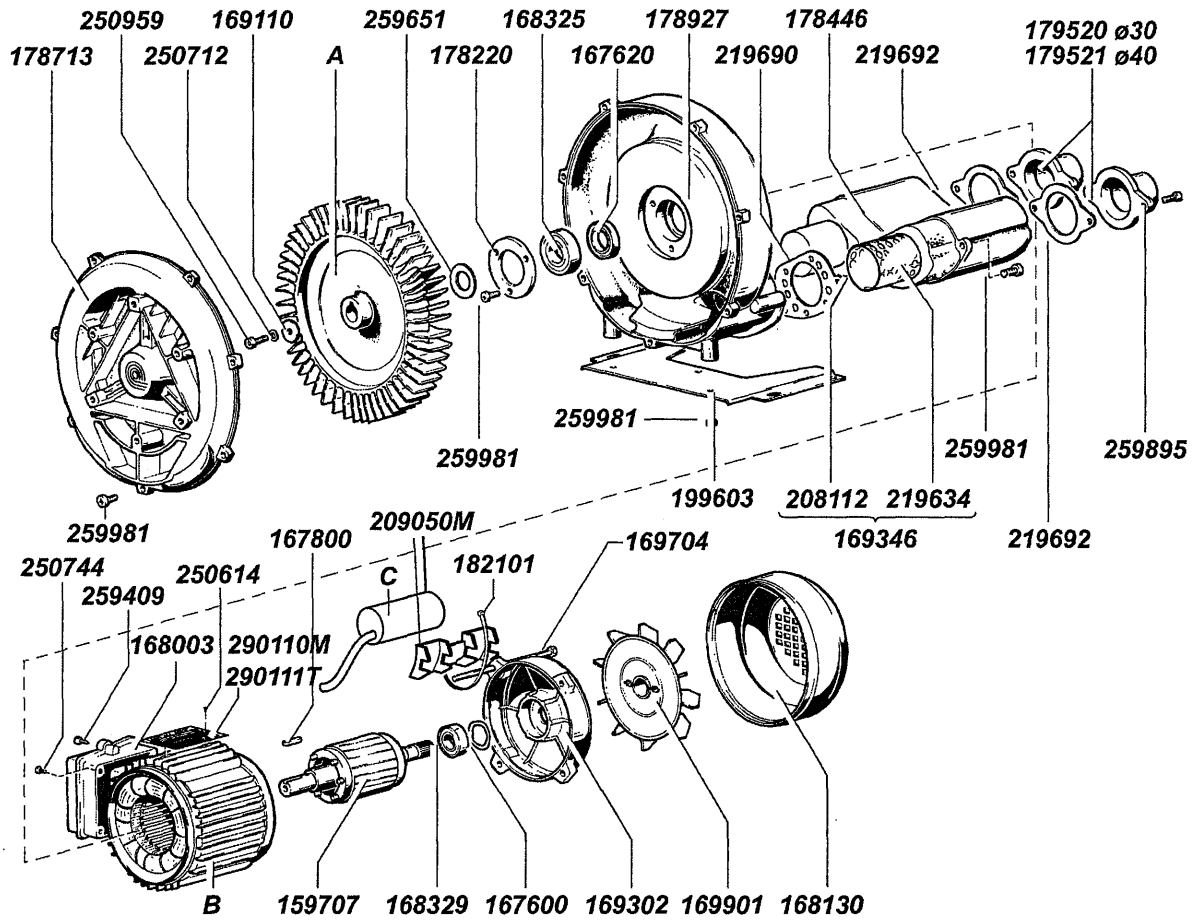
## USO AMBULATORIO Ø 30
## *FOR DENTAL SURGERY D. 30*
## USO LABORATORIO Ø 40
## *FOR WORK BENCHES D. 40*

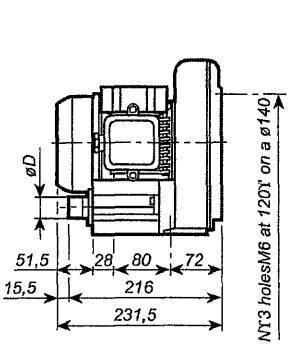
**LIVELLO DI PRESSIONE SONORA:**
- 62 dB (A) aria canalizzata
Normativa: ISO 3746-1979 (E)
Parametri:
- r = 1
- Rumore di fondo: <51 dB (A)
- Strumento: Brüel & Kjaer Type 2232
Esiste la possibilità di un ulteriore abbassamento di livello sonoro con l'applicazione di silenziatori supplementari.

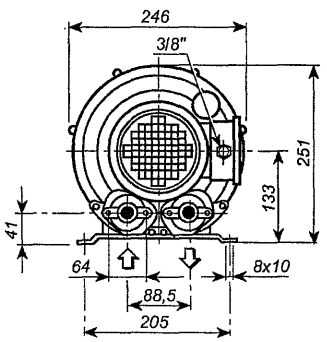
***SOUND PRESSURE LEVEL:***
*- 62 dB (A) air in channel*
*Standard ISO 3746-1979 (E)*
*Parameters:*
*- r = 1*
*- Background noise: <51 dB (A)*
*- Control device: Brüel & Kjaer Type 2232*
*Supplementary sylencers can further reduce the sound level.*




| *Monofase Single phase* | *Cod. Art. Item No.* | *V* | *Hz* | *Kw* | *øD* | *Codice ricambi Spare parts item No.* | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | *A* | *B* | *C* |
| M | *020322* | *220~* | *50* | *0.4* | *ø30* | *169906* | *167752* | *189105* |
| | *020324* | *240~* | *50* | *0.4* | *ø30* | *169906* | *167752* | *189101* |
| | *020330* | *220~* | *60* | *0.4* | *ø30* | *169907* | *167764* | *189101* |
| *Uso Ambulatorio For Dental Surgery* | *020340* | *110~* | *60* | *0,5* | *ø30* | *169907* | *167765* | *189144* |
| M | *020323* | *220~* | *50* | *0.4* | *ø40* | *169906* | *167752* | *189105* |
| | *020325* | *240~* | *50* | *0.4* | *ø40* | *169906* | *167752* | *189101* |
| *Uso Laboratorio For Work Benches* | *020331* | *220~* | *60* | *0.4* | *ø40* | *169907* | *167764* | *189101* |

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### *ITALIAN PATENTS OR PATENT APPLICATIONS:*

*1201707 - 1234267 - 1234828 - 1259318 - 1.187.187 - 1253460 - 0766008 - 1236271 - 01242921*

### *FOREIGN PATENTS OR PATENT APPLICATIONS:*

*EP 0040181 - AU 546.143 - US 4,386,910 - EP 0 638 295 - EP 0 254 687 - AU 590433 - US 4,787,846 - US 5,039,405 - EP 0335061 - US 5,002,486 - EP 0211808 - AU 580839 - US 4,684,345 - EP 0 557 251 - US 5,330,641 - EP 0766008 - US 4,710,209*

### *PENDING PATENT*

*IT M093U000019 - EP 0 749 728 - IT M095U000030 - JP 168553/97 - IT M097A000139 - IT M098A000019 - IT M098A000119*


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